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To   Examiner Sunil Singh
            USPTO

From   Jay Beyer
            Boulder Patent Services

Number of Pages (including cover)   32

Date Sent   December 31, 2003

Fax #:   703-872-9327

Message

Amendment After Final
Serial # 09/898,989

Urgent: Please deliver to Examiner Sunil Singh Immediately

Examiner Singh,

As we discussed this morning in our telephone conversation, I am reformatting and resending the Amendment D After Final that we submitted on November 21, 2003. I am resending this fax at your request because you indicated that the Fax that you received on November 21, 2003 cut off some of the text on the top of page 10 and some of the other pages of the Amendment. As now indicated in the middle of page 10 due to the reformatting, claims 81-82 were previously canceled. Other than the reformatting to increase the margins at the top and bottom of the amendment, there have been no changes to the amendment. Please enter the following Amendment After Final into patent application serial number 09/898,989.

If you have any questions, please let me know.

Sincerely,

Jay Beyer

PATENT

<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

In re the application of) **John E. Mercer**) Serial No: **09/898,989**) Filed: **July 3, 2001**) For: BORING TOOL CONTROL USING REMOTE) LOCATOR	Examiner: **Sunil Singh** Art Unit: **3673** Attorney Docket: **DCI-P015C2** Date **December 31, 2003**

<u>CERTIFICATE OF FAXING</u> I hereby certify that this correspondence is being faxed to: Commissioner of Patents, Art Group 3673, fax number 703-872-9327 on **December 31, 2003**.

Signed: _____

Jay R Beyer

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR: Transmitted herewith is an Amendment for the above application.

___X___   Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established

_____   No additional fee is required.

___X___   **Postcard included**

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		NON- SMALL ENTITY	
	Claims Remaining		Previously Paid For	Present Extra	Rate	Additional Fee	Rate	Additional Fee
Total Claims	*68	Minus	**68	0	x 9	$ 0	x 18	$
Indep. Claims	*42	Minus	***42	0	x 43	$ 0	x 86	$
First Presentation of Multiple Dependent Claim(s)					+145	$	+290	$
					Total	$ 0	Total	$

*   If the entry in Col. 1 is less than the entry In Col. 2, write "0" in Col. 3.

**   If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

***   If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

_____   A check in the amount of $_____ is attached for presentation of additional claim(s).

_____   Applicant(s) hereby Petition(s) for an Extension of Time of _____ month(s) pursuant to 37 C.F.R. § 1.136(a).

_____   A check for $_____ is attached for processing fees under 37 C.F.R. § 1.17.

_____   Please charge my Deposit Account No. 19-1685 (Order No. DCI-15C2) the amount of $_____.

_____   A duplicate copy of this sheet is enclosed.

___X___   The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1685 (Order No. DCI-15C2) (a duplicate copy of this sheet is enclosed):

        ___X___   Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.

        ___X___   Any extension or petition fees under 37 C.F.R. § 1.17.

Respectfully submitted,

_____

Jay R Beyer
Registration No. 39,907

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